

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of managing traffic in a first set of nodes of a computer network having a first set of nodes and a second set of nodes comprising:

determining a source associated with an amount of network traffic over the first set of nodes which exceeds a threshold, the source being outside a group of network elements assigned to the first set of nodes; and

automatically displaying an indication of the source in response to determining the source, wherein the first set of nodes is a first VLAN and the second set of nodes is a second VLAN.

2. (Canceled)

3. (Original) The method of claim 1, wherein the indication is a user name associated with the source.

4. (Currently Amended) The method of claim [[2]] 1, wherein the source is assigned to the second VLAN, the method comprising:

reassigning the source to the first VLAN in response to determining the source.

5. (Original) The method of claim 4, wherein the source is automatically reassigned.

6. (Currently Amended) The method of claim ~~[[2]]~~ 1, wherein traffic data is obtained from the first VLAN using a network management protocol.

7. (Currently Amended) The method of claim 6, wherein the traffic data is obtained using an ~~RMON~~ a remote monitoring protocol.

8. (Currently Amended) The method of claim ~~[[2]]~~ 1, wherein the determination of the source includes determining the top sources of traffic on the first VLAN.

9. (Currently Amended) A management computer for managing traffic in a first set of nodes of a computer network having a first set of nodes and a second set of nodes, the computer comprising:

a display; and

a processor configured to determine a source associated with an amount of network traffic over a first set of nodes which exceeds a threshold, the source being outside a group of network elements assigned to the first set of nodes, the processor configured to automatically send to the display an indication of the source in response to determining the source, wherein the first set of nodes is a first VLAN and the second set of nodes is a second VLAN.

10. (Canceled)

11. (Currently Amended) The ~~management~~ computer of claim 9, wherein the indication is a user name associated with the source.

12. (Currently Amended) The ~~management~~ computer of claim ~~40~~ 9, wherein the source is assigned to the second VLAN, and wherein the processor is configured to reassign the source to the first VLAN in response to determining the source.

13. (Currently Amended) The ~~management~~ computer of claim ~~40~~ 9, wherein the processor is configured to obtain traffic data from the first VLAN using a network management protocol.

14. (Currently Amended) The ~~management~~ computer of claim 13, wherein the processor is configured to obtain traffic data using ~~an RMON~~ a remote monitoring protocol.

15. (Currently Amended) The ~~management~~ computer of claim 9, wherein the processor is configured to identify any sources of traffic which are associated with a given threshold of traffic on the first VLAN.

16. (Currently Amended) A system for managing traffic in a first set of nodes of a computer network comprising:

a first set of nodes; and

a ~~management~~ computer coupled with the first set of nodes and configured to determine a source associated with an amount of network traffic over the first set of nodes which exceeds a threshold, the source being outside a group of network elements assigned to the first set of nodes, the ~~management~~ computer configured to automatically display an indication of the source in response to determining the source, wherein the first set of nodes is a first VLAN and the second set of nodes is a second VLAN.

17. (Canceled)

18. (Original) The system of claim 16, wherein the indication is a user name associated with the source.

19. (Currently Amended) The system of claim ~~17~~16, wherein the source is assigned to the second VLAN within the system, and wherein the ~~management~~ computer is configured to reassign the source to the first VLAN in response to determining the source.

20. (Currently Amended) The system of claim ~~17~~16, wherein the ~~management~~ computer is configured to obtain traffic data from the first VLAN using a network management protocol.

21. (Currently Amended) The system of claim 20, wherein the management computer is configured to obtain traffic data from the first VLAN using ~~an RMON~~ a remote monitoring protocol.

22. (Currently Amended) The system of claim ~~47~~ 16, wherein the management computer is configured to identify any sources of traffic which are associated with a given threshold of traffic on the first VLAN.

23. (Currently Amended) A computer-readable medium containing a program for managing traffic in a first set of nodes of a computer network having a first set of nodes and a second set of nodes, the program comprising:

determining a source associated with an amount of network traffic over the first set of nodes which exceeds a threshold, the source being outside a group of network elements assigned to the first set of nodes; and

automatically displaying an indication of the source in response to determining the source, wherein the first set of nodes is a first VLAN and the second set of nodes is a second VLAN.

24. (Canceled)

25. (Original) The computer-readable medium containing a program of claim 23, wherein the indication is a user name associated with the source.

26. (Currently Amended) The computer-readable medium containing a program of claim 2423, wherein the source is assigned to the second VLAN, the method comprising:

reassigning the source to the first VLAN in response to determining the source.

27. (Original) The computer-readable medium containing a program of claim 26, wherein the source is automatically reassigned.

28. (Currently Amended) The computer-readable medium containing a program of claim 2423, wherein traffic data is obtained from the first VLAN using a network management protocol.

29. (Currently Amended) The computer-readable medium containing a program of claim 28, wherein the traffic data is obtained using an ~~RMON~~ a remote monitoring protocol.

30. (Currently Amended) The computer-readable medium containing a program of claim 2423, wherein the determination of the source includes identifying any sources of traffic which are associated with a given threshold of traffic on the first VLAN.